CHEM Unofficial Sample Four-Year Plan A

Students who need to complete the foreign language MAPS requirement should start early! See your advisor for assistance.

Terms offered

Denotes pre- or co-requisite

Denotes pre-requisite

1. CHEM 1400/1401 (5) Foundations of Chem.
   *Fall

2. CHEM 3451/3361 (6) Organic 1 for majors
   *Spring

3. CHEM 3471/3381 (6) Organic 2 for majors
   *Fall

4. CHEM 2100/2101 (5) Energetics & Dynamics
   *Spring

5. CHEM 4511/81 (4) Physical Chemistry 1
   *Fall/Spring

6. CHEM 4531/91 (5) Physical Chemistry 2
   *Fall/Spring/(Summer?)

7. CHEM 4171 (3) Instrumental 1
   *Fall

8. CHEM 4181 (3) Instrumental 2
   *Spring

9. MATH 1300 (5) Calculus 1
   *Fall/Spring/Summer

10. MATH 2300 (5) Calculus 2
    *Fall/Spring/Summer

11. MATH 2400 (5) Calculus 3
    *Fall/Spring/Summer

12. PHYS 1110 (4) Physics 1
    *Fall/Spring/Summer

13. PHYS 1120/40 (5) Physics 2 and Lab
    *Fall/Spring/Summer

14. PHYS 1120/40 (5) Physics 2 and Lab
    *Fall/Spring/Summer

GER/Electives

(3-6)

(3-6)

(0-3)

(3-6)

(9-12)

(9-12)

(6-9)

(9-12)
CHEM Unofficial Sample Four-Year Plan B

### Semester 1
- **CHEM 1113/14 (5)** General Chemistry 1  
  *Fall/Spring/Summer

### Semester 2
- **CHEM 1133/34 (5)** General Chemistry 2  
  *Fall/Spring/Summer

### Semester 3
- **CHEM 3311/21 (5)** Organic 1  
  *Fall/Spring/Summer

### Semester 4
- **CHEM 3331/41 (5)** Organic 2  
  *Fall/Spring/Summer

### Semester 5
- **CHEM 4511/81 (4)** Physical Chemistry 1  
  *Fall/Spring

### Semester 6
- **CHEM 4531/91 (5)** Physical Chemistry 2  
  *Fall/Spring (Summer?)

### Semester 7
- **CHEM 4171 (3)** Instrumental 1  
  *Fall

### Semester 8
- **CHEM 4181 (3)** Instrumental 2  
  *Spring

### Terms Offered
- **MATH 1300 (5)** Calculus 1  
  *Fall/Spring/Summer

### GE/Electives
- **GE/Electives (3-6)**
- **GE/Electives (0-3)**
- **GE/Electives (3-6)**
- **GE/Electives (9-12)**
- **GE/Electives (7-9)**
- **GE/Electives (6-9)**
- **GE/Electives (6-9)**

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Alternatively, plan for CHEM 3381 (fall only) or independent research - CHEM 4901